

### Title And Date of Invention

#### **COMFORT SLIDE**

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## Cross Reference to Related Application

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(NA)

## Research to Sequence Listing

Patent #	<u>Date</u>	Inventor	
5088161	February, 199	2 Robertson	24/198
<u>5042838</u>	August, 1991	Carter	280/808
5025534	June, 1991	Meijer	24/172

#### Background of The Invention

Discomfort when buckling up... Three point seat belts causes the upper cross over section to set upon or close to the users neck, which is uncomfortable to the user. This embodiment has been designed to keep both the upper and lower sections of any three-point seat belt together when buckling up. By keeping both the lap and cross over section together in the "Comfort Slide" the user can reposition the cross over section and keep it away from their neck, which then makes it comfortable when bucked up. This seat belt accessory will be made from a plastic, by way of injection molding. This accessory is a one-piece unit. The Comfort Slide will be made out of clear plastic for the purpose of matching any color seat belt assembly.

#### **Brief Summary Of Invention**

The "Comfort Slide" allows the use to slide both the upper cross over and lower lap sections into the accessory. The user of the three-point seat belt assembly can now position the crossover section away from their neck, by sliding the accessory away from the locking device. Moving the accessory away from the locking device changes the angle to the position of the user when buckling up, allowing them to ride in comfort. The plastic accessory is a one-piece plastic unit. The (Fig 1) shows a 3 dimensional view of the "Comfort Slide". (Fig) 2 shows the front side of the "Comfort Slide". (Fig 3) shows the backside of the "Comfort Slide" which has an opening the full length of the accessory. This allows the user to slide the cross over section in first, and then slide the lower lap section in on top of the cross over section. This keeps both sections together when bucked up.

# Detailed Description of The Invention "Comfort Slide" seat belt embodiment:

- Embodiment Clear Plastic
- 2" Tall x 2" Wide x 3/16" Seat Belt Channel
- 3/16" Opening in (Fig 3) section

The "COMFORT SLIDE" embodiment is a one-piece plastic device. It is easy to install, user friendly, and allows the user to ride in comfort. According to the drawings and pictures of the embodiment Fig 1-5, you can see how the Comfort Slide is made and how it is used on any three-point seat belt assembly.

- 1. First step. The user takes and locks in the seat belt according to whichever seat they desire.
- 2. Second step. The user takes the embodiment and slides the crossover section of the seat belt unit into as shown in Fig.3, parallel with the embodiment.
- 3. Third step. After the crossover section has been installed pull the embodiment down to the lap section of the seat belt assembly and slide it in on top of the crossover section also (shown in Fig.3). Now both sections of the seat belt are installed in the embodiment. Fig.3 is the back of the embodiment, which is towards the body of the user. Fig.2 is the front side of the embodiment.
- 4. Fourth step. Slide the embodiment towards the locking section of the seat belt assembly, and then slide it away from the locking device. Both belts should stay together within the embodiment. The embodiment should be able to slide easily in either direction by the user.
- 5. Fifth step. According to the user, sliding the embodiment away from the locking device will change the position and how the cross over section of the seat belt lays across their upper shoulder and neck area. This embodiment will allow the user to ride in comfort.
- 6. Six step. Disconnecting the seat belt assembly, slide the embodiment back to the locking device, and then unlock the locking device. The "Comfort Slide" will follow the seat belt assembly back to the normal holding position within the vehicle.



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